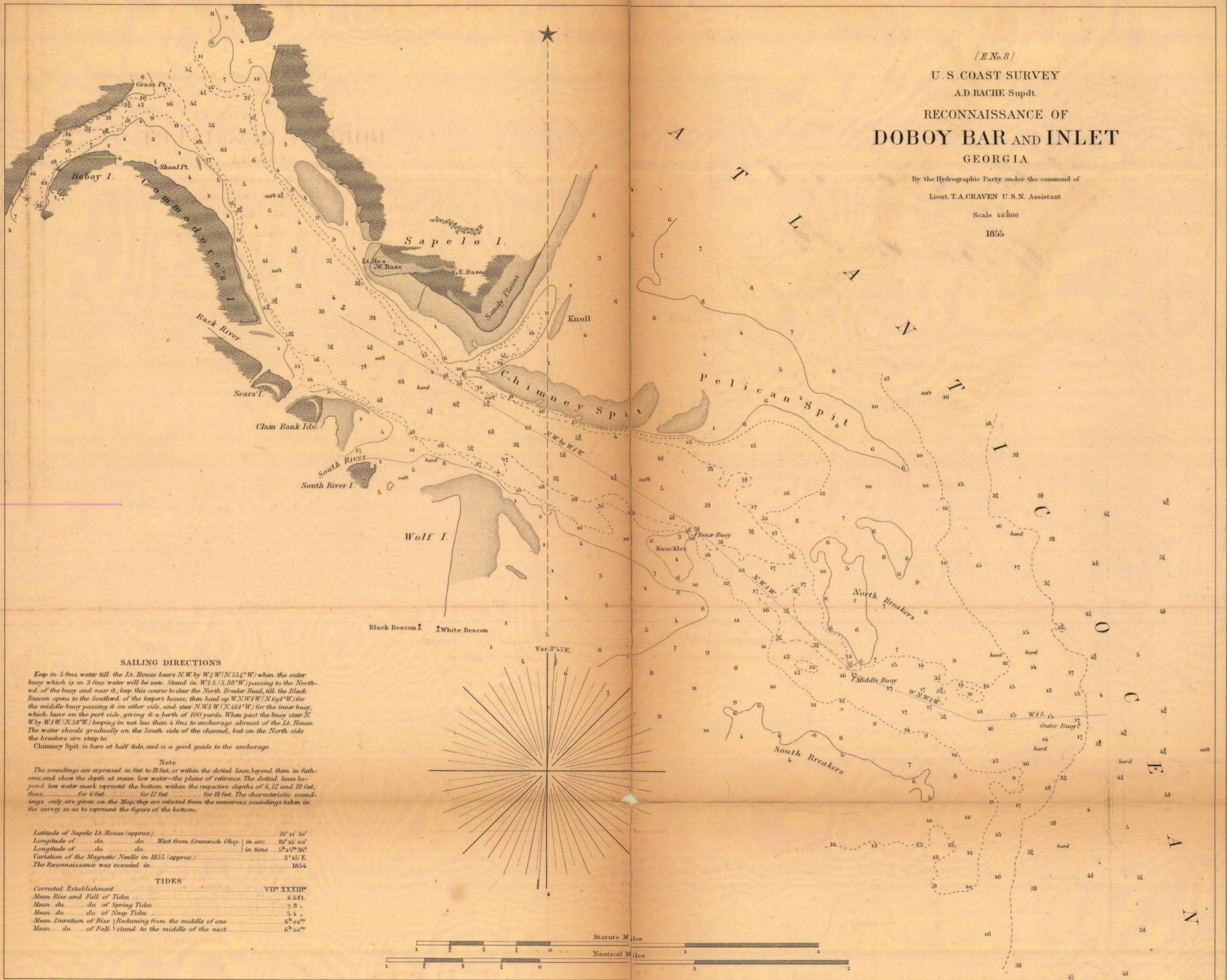


RAREBK
VK
982
.G4
B3
1861
Chart F

No. 25



(E No. 8)
U. S. COAST SURVEY
A. D. BACHE Supdt.
RECONNAISSANCE OF
DOBOY BAR AND INLET
GEORGIA

By the Hydrographic Party under the command of
Lieut. T. A. CRAVEN U. S. N. Assistant
Scale 40,000
1855

SAILING DIRECTIONS

Keep in 5 fms. water till the Lt. House bears N.W. by W. $(N. 55^{\circ} 4' W.)$ when the outer buoy which is in 3 fms. water will be seen. Stand in $W. 4^{\circ} S. (S. 88^{\circ} W.)$ passing to the North wd. of the buoy and near it, keep this course to clear the North Breaker Head, till the Black Beacon opens to the South wd. of the keeper's house; then haul up $W. N. W. 3/4 W. (N. 69^{\circ} 4' W.)$ for the middle buoy passing it on either side, and steer $N. W. 3/4 W. (N. 46^{\circ} 4' W.)$ for the inner buoy, which leave on the port side, giving it a berth of 100 yards. When past the buoy steer $N. W. 1/2 W. (N. 59^{\circ} W.)$ keeping in not less than 4 fms. to anchorage abreast of the Lt. House. The water shoals gradually on the South side of the channel, but on the North side the breakers are steep to. Chimney Spit is bare at half tide, and is a good guide to the anchorage.

Note

The soundings are expressed in feet to 10 feet, or within the dotted lines, beyond them, in fathoms, and show the depth at mean low water—the plane of reference. The dotted lines beyond low water mark represent the bottom, within the respective depths of 6, 12 and 18 feet, thus: ——— for 6 feet, ——— for 12 feet, ——— for 18 feet. The characteristic soundings only are given on the Map; they are selected from the numerous soundings taken in the survey so as to represent the figure of the bottom.

Latitude of Sapelo Lt. House (approx.) $31^{\circ} 21' 36''$
Longitude of do do West from Greenwich Obsy } in arc $81^{\circ} 24' 00''$
Longitude of do do in time $5^h 25^m 36^s$
Variation of the Magnetic Needle in 1855 (approx.) $3^{\circ} 45' E.$
The Reconnaissance was executed in 1854

TIDES

Corrected Establishment $VII^h XXXIII^m$
Mean Rise and Fall of Tides 6.6 ft.
Mean do do of Spring Tides 7.8 .
Mean do do of Neap Tides 5.4 .
Mean Duration of Rise } reckoning from the middle of one $6^h 02^m$
Mean do of Fall } stand to the middle of the next $6^h 20^m$